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(71) Applicant (for all designated States except US): THE TRUSTEES OF THE UNIVERSITY OF PENN-SYLVANIA [US/US]; 3160 Chestnut Street, Suite 200, Philadelphia, PA 19104 (US).

- (72) Inventor; and
- (75) Inventor/Applicant (for US only): LUZZI, David [US/US]; 394 Turner Road, Wallingford, PA 19086 (US).
- (74) Agents: CALDWELL, John, W. et al.; Woodcock Washburn LLP, One Liberty Place - 46th Floor, Philadelphia, PA 19103 (US).
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(54) Title: CELLULAR PROBES

(57) Abstract: Probing tools compnsing nanotubes partially coated with a biocompatible coating capable of absorbing or imbibing bio-reactive materials. Also within are probing systems comprising nanoprobes and microscopes. Methods are also provided comprising partially coating a nanotube with a biocompatible coating, contacting a membrane with the resulting nanoprobe, and, in some embodiments, expelling a molecule.

